



SHEET 1 OF 3

FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MTP-012C4

APPLICANT(S): Beausang *et al.*

SERIAL NO.: 10/694,629

FILING DATE: October 27, 2003

GROUP: 1648

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
A1	A1	4,628,027	12/86	Gay	435	7	
	A2	4,806,463	2/89	Goodchild <i>et al.</i>	435	5	
	A3	4,861,581	08/89	Epstein <i>et al.</i>	424	9	
	A4	4,882,268	11/89	Penman <i>et al.</i>	435	5	
	A5	4,885,236	12/89	Penman <i>et al.</i>	435	6	
	A6	4,937,185	06/90	Webb <i>et al.</i>	435	7	
	A7	5,017,474	5/91	McClune <i>et al.</i>	435	7.5	
	A8	5,032,508	07/91	Naughton <i>et al.</i>	435	32	
	A9	5,098,890	3/92	Gewirtz <i>et al.</i>	514	44	
↓	A10	5,273,877	12/93	Fey <i>et al.</i>	435	6	

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
A1	B1	WO 87/03910	07/02/87	PCT				N	Y
	B2	WO 89/06697	7/89	PCT				N	Y
	B3	WO 91/17266	04/15/91	PCT				N	Y
	B4	EP 527941 B1	02/24/93	EPO				N	Y
↓	B5	WO 93/09437	05/13/93	PCT				N	Y

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)		
A1	C1	Compton <i>et al.</i> , "Identification of Novel Centromere/Kinetochore-associated Proteins Using Monoclonal Antibodies Generated Against Human Mitotic Chromosome Scaffolds," <i>J. Cell Biol.</i> , 112 (6):1083-1097 (1991).	

EXAMINER

DATE CONSIDERED

7/28/05

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OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
AJ	C2	Davidsohn (1974) Clinical Diagnosis By Laboratory Methods 15 th Ed., p. 864.
	C3	Domashenko <i>et al.</i> , "Comparison of the spectra of proteins synthesized in mouse thymocytes after irradiation or hydrocortisone treatment," <u>Int. J. Radiat. Biol.</u> , <u>57</u> (2):315-29 (1990).
	C4	Fey <i>et al.</i> , "Nuclear Matrix Proteins Reflect Cell Type of Origin in Cultured Human Cells," <u>Proc. Natl. Acad. Sci. USA</u> , <u>85</u> :121-125 (1988).
	C5	Fey <i>et al.</i> , "The Nuclear Matrix: Defining Structural and Functional Roles," <u>Critical Reviews in Euk. Gene Expression</u> , <u>1</u> (2):127-143 (1991).
	C6	Genetic Eng. News, "Matritech Announces First Product," Journal Announcement, July-Aug. <u>10</u> (7), p. 28.
	C7	Getzenberg <i>et al.</i> , "Tissue Specificity and Cell Death are Associated with Specific Alterations in Nuclear Matrix Proteins," Abstract published in the Journal of Urology, AUA Eighty-fifth Annual Meeting, May 13-17, 1990, <u>143</u> : No. 4, Abstract No. 155 (1990).
	C8	Kallajoki <i>et al.</i> , "A 210 kD nuclear matrix protein is a functional part of the mitotic spindle; a microinjection study using SPN monoclonal antibodies," <u>EMBO J.</u> , <u>10</u> :3351-3362 (1991).
	C9	Keesee <i>et al.</i> , "Utilization of Nuclear Matrix Proteins for Cancer Diagnosis," <u>Critical Reviews in Eukaryotic Gene Expression</u> , <u>6</u> (2&3):189-214 (1996).
	C10	Köhler <i>et al.</i> , "Continuous cultures of fused cells secreting antibody of predefined specificity," <u>Nature</u> , <u>256</u> :495-497 (1975).
	C11	Lerrick <i>et al.</i> , "Cytotoxic mechanism of tumor necrosis factor-α," <u>FASEB J.</u> , <u>4</u> : 3215-3223 (1990).
	C12	Lydersen <i>et al.</i> , "Human-Specific Nuclear Protein That Associates with the Polar Region of the Mitotic Apparatus: Distribution in a Human/Hamster Hybrid Cell," <u>Cell</u> , <u>22</u> :489-499 (1980).
	C13	Maekawa <i>et al.</i> , "Identification of a Minus End-Specific Microtubule-Associated Protein Located at the Mitotic Poles in Cultured Mammalian Cells," <u>European J. of Cell Biology</u> , <u>54</u> :255-267 (1991).
	C14	Miller <i>et al.</i> , "Detection of Nuclear Matrix Proteins in Serum from Cancer Patients," <u>Cancer Research</u> , <u>52</u> :422-427 (1992).
✓	C15	Miller <i>et al.</i> , "Death-induced changes to the nuclear matrix: the use of anti-nuclear matrix antibodies to study agents of apoptosis," <u>Biotechniques</u> , <u>15</u> (6): 1042-1047 (1993) (Abstract).
EXAMINER		DATE CONSIDERED 7/28/05

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OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
<i>AJ</i>	C16	Miller <i>et al.</i> , "Release of Nuclear Matrix Proteins during Apoptotic Cell Death," Abstract published in <u>J. Cell Biol.</u> , <u>115</u> : No. 3, Abstract No. 1822 (1991).
	C17	News Release, "Clinical Utility of Matritech's Bladder Cancer Test Reported in August Issue of Journal of Urology," (July 1996).
	C18	Nickerson <i>et al.</i> , "A Normally Masked Nuclear Matrix Antigen That Appears at Mitosis on Cytoskeleton Filaments Adjoining Chromosomes, Centrioles, and Midbodies," <u>J. Cell Biology</u> , <u>116</u> (4):977-987 (February 1992).
	C19	Oeller <i>et al.</i> , "Reversible Inhibition of Tomato Fruit Senescence by Antisense RNA," <u>Science</u> , <u>254</u> :437-439 (1991).
	C20	Scopes, R.K., <u>Protein Purification</u> , Springer-Venlag, New York, pp. 43-52 (1982).
	C21	Stuurman <i>et al.</i> , "A Monoclonal Antibody Recognizing Nuclear Matrix-Associated Nuclear Bodies," <u>J. Cell Science</u> , <u>101</u> :773-784 (1992).
	C22	Thibodeau <i>et al.</i> , "Monoclonal Antibody CC-3 Recognizes Phosphoproteins in Interphase and Mitotic Cells," <u>Experimental Cell Research</u> , <u>195</u> :145-153 (1991).
	C23	Todorov <i>et al.</i> , "Detection of the 125-kDa Nuclear Protein Mitotin in Centrosomes, the Poles of the Mitotic Spindle, and the Midbody," <u>Experimental Cell Research</u> , <u>199</u> :398-401 (1992).
	C24	Tousson <i>et al.</i> , "Centrophilin: A Novel Mitotic Spindle Protein Involved in Microtubule Nucleation," <u>J. Cell Biol.</u> , <u>112</u> (3):427-440 (1991).
	C25	Walker <i>et al.</i> , "Patterns of Cell Death," <u>Meth. Achiev. Exp. Pathol.</u> , <u>13</u> :18-54 (1988).
	C26	Weeks <i>et al.</i> , "Immunoassays Using Acridinium Esters," <u>Methods in Enzymology</u> , <u>133</u> :366-387 (1986).
	C27	Whitfield <i>et al.</i> , "Cloning of a Gene Encoding an Antigen Associated with the Centrosome in Drosophila," <u>J. Cell Science</u> , <u>89</u> :467-480 (1988).
	C28	Wyllie <i>et al.</i> , "Cell Death: The Significance of Apoptosis," <u>International Review of Cytol</u> , <u>68</u> :251-306 (1980)
<i>↓</i>	C29	Yang <i>et al.</i> , "The Nuclear-Mitotic Apparatus Protein is Important in the Establishment and Maintenance of the Bipolar Mitotic Spindle Apparatus," <u>Molecular Biology of the Cell</u> , <u>3</u> :1259-1267 (November 1992).
EXAMINER <i>[Signature]</i>		DATE CONSIDERED <i>7/28/05</i>